

REMARKS

Claims 1, 3, 5, 6 and 8-14 are pending in the application upon entry of the present Reply. Claim 1 is amended and claims 2, 4 and 7 are cancelled herein. No other claims have been amended herein. Support for the amendment of claim 1 is found, for example, in the cancelled claims, in Figs. 1 and 2 and at page 2, lines 5-16 of the specification.

The specification is amended at page 5 to reverse the reference numerals 7a and 7b, in response to the objection to the drawings.

Applicants respectfully request reconsideration of the application based on the foregoing claims and the following remarks.

Rejections over Prior Art

Claims 1-3 and 10-13 stand rejected as unpatentable over JP 2000-252667 ("Sony"). Claims 4, 5 and 14 stand rejected as unpatentable over Sony in view of US 5134893 ("Hukki") or US 5988978 ("Pearce"). Claims 6-9 stand rejected as unpatentable over Hukki in view of Sony and further in view of US 5909074 ("Takaya"). Applicants respectfully traverse the rejection of all of the pending claims for at least the following reasons.

Sony merely discloses a rotating fan 3 and a weight 5 coupled to the rotating fan 3, whereby the weight is activated if the rotational speed of the fan exceeds a predefined level. However, contrary to the present invention, Sony does not disclose that the weight is moveable along one of the blades of the fan, so that Sony also fails to disclose that, if the rotational speed of the fan exceeds a predefined level, the weight moves outwardly along the blade, thereby increasing the unbalance of the fan and the vibration of the fan.

Hukki, Pearce and Takaya also do not disclose a cooling system for a mobile terminal having the combination of the features of the presently pending claims. In particular, each of these prior art references fails to disclose a rotating fan having at least one weight attached to at least one blade of the rotating fan such that this weight is moveable along the respective blade so that, when the weight is activated by a centrifugal force when the rotational speed of the fan exceeds a predefined

level, the weight moves outwardly in order to increase the unbalance of the fan and the vibration of the fan, as claimed.

The presently pending claims clearly distinguish over the cited references.

Furthermore, as can be understood from the description in the specification in connection with Fig. 1 and Fig. 2, for example, at least one of the blades 2 of the rotating fan 1 comprises a weight 3 movable along this blade 2, whereby this weight 3 is activated by the centrifugal force when the rotational speed of the fan 1 exceeds a predefined level, so that the weight 3 is moved outwardly along this blade 2, thereby increasing the unbalance of the fan 1 and, consequently, the vibration of the fan 1. See, e.g., page 2, lines 5-16 of the specification.

As described in the specification, by using a weight which causes an unbalance and therefore vibration of the fan, the pre-existing functionality of the vibration alarm of the respective mobile terminal can be combined with a cooling mechanism in a simple and effective way. At a low rotational speed, the fan functions as a cooling system, while the fan functions as a vibration system if the rotational speed exceeds the predefined level. The prior art fails to disclose or suggest such a feature.

For at least the foregoing reasons, Applicants respectfully submit that the presently pending claims fully patentably distinguish over the prior art of record, and request that the rejections thereover be withdrawn. Accordingly, Applicants respectfully submit that the present application is in condition for allowance and request early notice to such effect.

Objection to Drawings

Applicants have amended the specification description of the drawings, in response to the objection to the drawings raised in the Office Action to which this Reply is responsive. As a result of the amendments made in the specification, Applicants respectfully submit that the objection to the drawings is moot and request that it be withdrawn.

Conclusion

In the event issues arise as a result of the filing of this paper, or remain in the prosecution of this application, Applicants request that the Examiner telephone the undersigned attorney to expedite allowance of the application. Should a Petition for Extension of Time be necessary for the present Reply to the outstanding Office action to be timely filed (or if such a petition has been made and an additional extension is necessary) petition therefor is hereby made and, if any additional fees are required for the filing of this paper, the Commissioner is authorized to charge those fees to Deposit Account #18-0988, Docket No. PS04 0064US1

Respectfully submitted,

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